SHARP

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FSC

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SHARP

TRAINING GUIDE BOOK

AQUOS® Quattron™

More colors than any other TV!

Can you see it?

Introducing Sharp Quattron™ quad pixel technology.

AQUOS®

Quattron™

More Colors

Sharp Quattron™ quad pixel technology adds Y (Yellow) to the conventional R (Red), G (Green) and B (Blue) sub-pixels, enabling the display of many colors that have not been seen before on TV.

- MEGA CONTRAST –Brighter colors, deeper black levels and all the shades in between.
- BETTER DETAIL – High Resolution & Smoother Color Transitions.
- ULTRA-LOW POWER CONSUMPTION – The most energy efficient TV you can purchase today.

Software Updates

Get the most updated software for your AQUOS® Quattron™ TV or AQUOS® Blu-ray Disc™ Player at: http://www.sharpusa.com/CustomerSupport/ProductDownloads.aspx or via your Internet-connected TV or Blu-ray Disc™ Player by selecting Menu → Information → SW Update.

Need Help?

Call 1-800-BE-SHARP (1-800-237-4277) for answers to questions about Sharp AQUOS® LCD TV.

AQUOS ADVANTAGE℠ • LIVE

With the purchase of a qualifying AQUOS® LCD TV, owners are automatically entitled to exclusive benefits at no additional charge. For membership, visit www.aquosadvantage.com or call 1-87-SEE-AQUOS.

- Simply connect your AQUOS LCD TV to the internet and receive added LIVE benefits.
- Expert advisors and instant Support.

AQUOS®

Quattron™

Creating colors never seen before on a TV

Sharp once again demonstrates its leadership in LED LCD TVs with its ground-breaking Quattron™ quad pixel technology.

You have to see it to see it.

Quad Pixel Technology

For the very first time, yellow has been added to the conventional red, green and blue sub-pixels, enabling more colors to be displayed. Introducing never-before-seen colors to LCD TVs, like sparkling golds, Caribbean blues and sunflower yellows.

Screen images are simulated

Quattron™ quad pixel technology (Red Green Blue Yellow)

Standard Pixels (Red Green Blue)

The industry's highest contrast level

The X-Gen LCD panel is designed with advanced pixel control to minimize light leakage and a wider aperture to let more light through, providing a high contrast level.

For a brighter picture

With X-Gen Panel

Colors and shades are more defined in dark areas. Overall greater contrast than non X-Gen panels.

Without X-Gen Panel

Colors in dark areas are not as deep and contrast is not as strong.

Screen images are simulated

ultra BRILLIANT LED

UltraBrilliant LED System

Enables an incredible dynamic contrast ratio of up to 8,000,000:1 and picture quality that is second to none.

Another benefit of the UltraBrilliant LED system is more efficient light pass-thru with the new four RGBY color sub-pixel for higher brightness than a conventional panel and lower power consumption.

ENERGY STAR

Think GREEN ™

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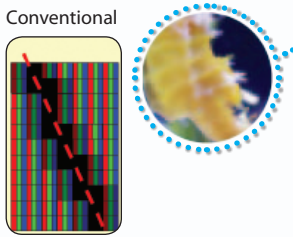
4 QUAD PIXEL PLUS

Quad Pixel Plus technology provides a smooth transition between colors by enabling shading of the "dots" or sub-pixels. The sub-pixels of traditional panels are either turned on or off which can cause hard or jagged edges in the image. By displaying shades a smoother looking image with a higher perceived level of detail is possible.

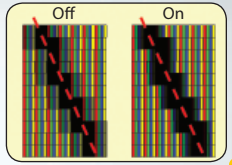
(Available on the LE920 and the LE925 series)

Conventional



Quad Pixel Plus technology allows a sub-pixel to be partially illuminated or shaded. Many traditional panels don't have that capability.

Quad Pixel Plus



Screen images are simulated

Internet CONNECTIVITY

Get connected to content beyond standard television.

Sharp LCD TVs offer access to streaming Netflix and Vudu™ content, "widgets" and Live support.

Find us on Facebook

Follow us on twitter

Vudu™*

Vudu™ Streaming

Your HD on-demand movie service, purchase or rent directly through the AQUOS Net™ service. New movies are available the same day as DVD release. True 1080p video with Dolby Digital Plus 5.1 surround sound.

Vudu™ apps (such as Pandora®, Flickr®, Facebook and CNN®) provide customers with access to a wide range of Internet based content and applications including music on demand, photo browsing, social networking and more.

Available on the LE920 and the LE925 Series

Netflix**

Netflix Streaming

Instantly watch full HD video with select new AQUOS® LCD TV models. With a Netflix unlimited membership and an Internet connection, you can instantly watch TV episodes & movies right on your TV—as often as you want, anytime you want.

Membership and/or fees may apply. *Vudu Courtesy of VUDU.
**Netflix is a trademark of Netflix company.

AQUOS net

Access AQUOS Net™ with the touch of a button

Now view some of the most popular web content on your compatible AQUOS® TV.

AQUOS Net enables connection to an ever expanding range of personalized content.

Using this service, viewers can configure “widgets” to check everyday information, with a push of a button on the television’s remote control, in either full screen or split screen.

AQUOS NET ACCESS

Available on the LE810, 820 and 920 Series.

For the LE925 series, access from “FAV APP” button.

AQUOS ADVANTAGE℠ • LIVE

Register, Connect, Relax

AQUOS Advantage LIVE is a suite of premium connected services featuring the ability for our AQUOS Advantage Advisors to remotely assist you with setup and settings management directly over the internet, right in the comfort of your own home.

Simple... Unique... Immediate... Convenient...

Manage and view important information about your account.

Have AQUOS Advantage Advisors connect directly to your TV via the internet.

Receive up-to-date information including announcements, partner promos and the latest AQUOS Advantage Newsletter.

Learn more about the company behind your AQUOS® TV.

View current software information and download instructions on how to update your software through the internet.

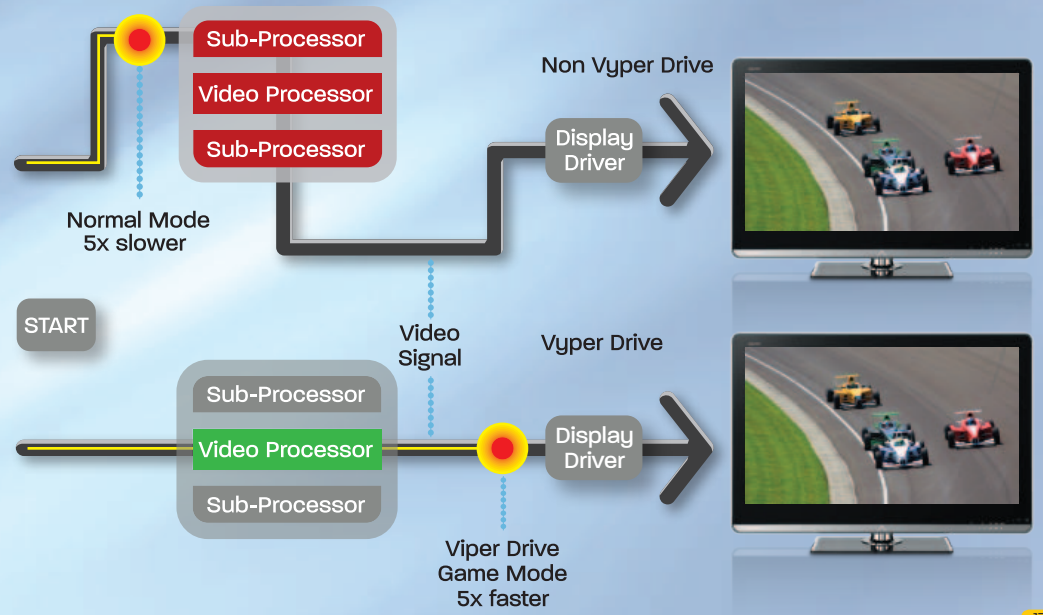
View your AQUOS® TV manual right on your TV screen.

VYPER DRIVE

Faster processing for serious gaming

Vyper Drive game mode helps to eliminate the lag time between the game console and the TV. When Game Mode is activated, the signal is streamlined resulting in transmission 5x faster than normal mode.

How Vyper Drive works



Blu-ray Disc™

The Blu-ray™ format allows playback of high-definition video at 1080p resolution. The format offers more than five times the storage capacity of traditional DVDs and can hold up to 25GB on a single-layer disc and 50GB on a dual-layer disc. This extra capacity combined with the use of advanced video and audio codecs will offer consumers an unprecedented HD video and audio experience, plus the added feature of internet connected BD-Live™ interactive studio content.

BD-HP90U / BD-HP80U Features

- Blu-ray 3D™ / DVD / CD Format Playback
- Full 3D HD 1080p/24 fps Video Output HDMI
- Wireless LAN Internet Connection
- Slot Load Drive
- BD-Live™
- Netflix Streaming+
- YouTube Streaming*
- Vudu™ Steaming+
- Pandora Streaming+
- DLNA LAN Connection*
- MP3 / JPEG Image File Slideshow Playback
- AQUOS LINK™ Control / On Screen Control
- Auto Software Update/ AQUOS Pure Mode
- Auto HDMI® Set-up
- Vertical / Horizontal Operation Stand Included (BD-HP90U)
- RS-232C Control (BD-HP90U)

*With software upgrade. +Membership and/or fees may apply.

AQUOS LINK

BD-HP70U Features

- Blu-ray™ / DVD / CD Format Playback
- Full HD 1080p/24 fps Video Output
- Wireless LAN Dongle Internet Connection
- BD-Live™
- Netflix and YouTube Streaming
- MP3/JPEG Image File Slideshow Playback
- AQUOS LINK™ Control / On Screen Control
- Auto Software Update / AQUOS Pure Mode
- RS-232C Port
- Anti-Vibration Chassis
- Gold Plated Terminals
- HQ Audio Circuit

BD-HP24U Features

- Blu-ray™ / DVD / CD Format Playback
- Full HD 1080p/24 fps Video Output HDMI®
- BD-Live™
- Netflix Streaming
- MP3/JPEG Image File Slideshow Playback
- AQUOS LINK™ Control / On Screen Control
- Auto Software Update / AQUOS Pure Mode
- Auto HDMI® Set-up

BD-Live is a trademark of the Blu-ray Disc Association. Blu-ray, Blu-ray Disc, and Blu-ray 3D are trademarks of the Blu-ray Disc Association.

Sound Bar

Who ever thought such great sound could come out of just one unit? Our new sound bar line is stylish and sleek delivering unbelievable sound with rich bass from one slick simple speaker unit, a powerful built-in subwoofer along with built-in DTS, Dolby® Digital decoders and SRS Surround sound functions. You'll think you're in a room full of speakers.

HT-SB500 Features

- 3.1ch Sound Bar Audio System
- 32 watts Total Output Power
- Complements Midsize and Larger Sharp LCD TV's
- Touch Panel Control Technology
- SRS™ Tru Surround HD Sound
- Slim Remote with Sharp TV Control
- Dual Digital (Optical and Coaxial) Inputs
- Dual Analog Inputs
- Low Profile Design
- Auto On/Off
- Wall Mountable (Bracket included)
- DTS, Dolby® Digital, Dolby® Pro Logic II and Dolby® Virtual Speaker Decoder
- Sub Woofer PRE Output

HT-SB300

HT-SB300 / HT-SB200 Features

- 2.1ch Sound Bar Audio System
- 32 watts Total Output Power
- Complements Midsize and Larger Sharp LCD TV's
- SRS™ WOW HD Surround Sound
- Slim Remote with Sharp TV Control
- Dual Digital (Optical and Coaxial) Inputs (HT-S300)
- Dual Analog Inputs
- Low Profile Design
- Auto On/Off
- Wall Mountable (Bracket included)
- DTS, Dolby® Digital, Dolby® Pro Logic II and Dolby® Virtual Speaker Decoder (HT-S300)
- Sub Woofer PRE Output (HT-S300)

HT-SB200

Home Theater in a Box

The BD-MPC41U is a Blu-ray Disc™ Home Theater in a box with a 5.1 audio system incorporating sound bar technology. The BD-MPC41U HTiB includes an Internet connecting Blu-ray Disc™ player with a 1020 watt amplifier system. The BD-MPC41U also accommodates additional audio/video input sources such as cable TV or a satellite set top box. The sound bar system is easy to set up and complements an LCD TV.

Audyssey sound shaping technologies improve a theater's sound quality and clarity by overcoming your room's acoustic limitations to deliver the most impressive surround sound available.

BD-MPC41U Features

- 1020 Watt Total Output
- 5.1 Channel Surround Sound with Sound Bar
- HDMI® Output
- High Fidelity Digital Audio
- JPEG/MP3 Viewing
- AQUOS LINK™ Function
- Netflix Movie Streaming*
- Audyssey Sound Processing
- FM Tuner
- Digital/Analog Inputs
- iPod® Connectivity

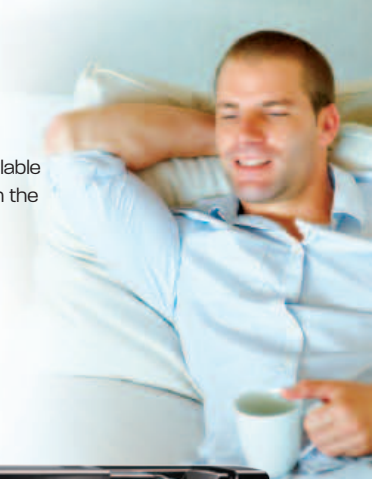
*Membership and/or fees may apply.

Home Theater Front Projector

The XV-Z15000 boasts an outstanding 30,000:1 contrast ratio and a high brightness 1600 ANSI lumens rating, delivering one of the best pictures available in consumer home theater projectors today. Striving for life-like pictures with the introduction of 1080p, now we can have images that are larger than life.

XV-Z15000 Features

- 1080p (1920 x 1080) High Definition Front Projector
- Display Method: DLP® Chip from Texas Instruments
- 6-Segment, 5x Speed Color Wheel
- 30,000:1 Contrast Ratio (in High Contrast Mode)
- 1600 ANSI Lumens (in High Brightness Mode)
- Automatic Iris Switchover Function
- 2 HDMI® inputs (CEC Control)



Wall Mounting

Wall Mount Audio Setup optimizes the audio output from the TV to ensure a clean balanced sound. This feature can be activated from the initial setup menu.

USB Playback

The 810/820 series allows for playback of audio files and photos enabling an easy way to view treasured moments and listen to the music that moves you. The 920/925 series adds the ability to play back a variety of video files including many of the common HD formats found in today's camcorders and DivxHD files.

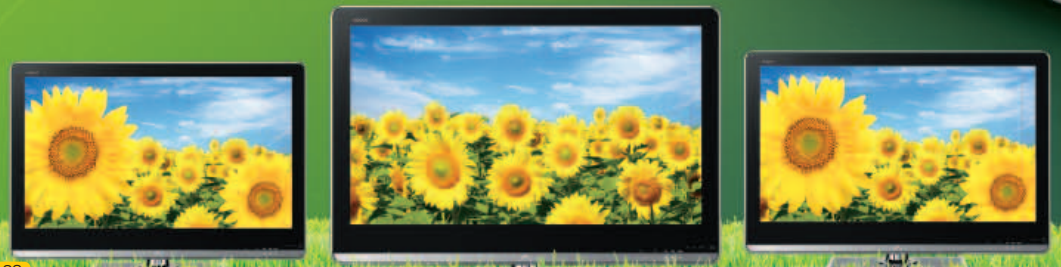
Easy sharing

The 810/820 series allows easy viewing of photos and music files transferred to a USB drive. A navigation menu will launch once the drive is inserted into the TV

View standard and high definition video files on the 920 & 925 series Quattron™ LED LCD TVs. Many of todays most popular video formats are supported. Including DiVx HD format

Environmentally conscious products

The LED-backlight on AQUOS® LCD TVs maintains high brightness while efficiently controlling light output for an approximately 30% reduction in power consumption compared to similar sized conventional LED models.



SPECIFICATIONS LED TVS AQUOS Quattron

Model Number	LC-60LE925UN	LC-52LE925UN	LC-60LE920UN	LC-52LE920UN
Screen Size	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)
Quattron™ quad pixel technology	Yes	Yes	Yes	Yes
3D	Yes (With 2 pair of 3D glasses)	Yes (With 2 pair of 3D glasses)	–	–
Full Front Glass Design	Yes	Yes	Yes	Yes
Aspect Ratio	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	X-Gen	X-Gen	X-Gen
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Vyper Drive Game Mode	Yes	Yes	Yes	Yes
AQUOS Net™	Yes (with Netflix/VUDU)	Yes (with Netflix/VUDU)	Yes (with Netflix/VUDU)	Yes (with Netflix/VUDU)
Refresh Rate	AquoMotion 240	AquoMotion 240	AquoMotion 240	AquoMotion 240
Dynamic Contrast Ratio	8,000,000:1	8,000,000:1	6,000,000:1	6,000,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V
Backlight	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms
Audio Output	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)
Ethernet	1	1	1	1
USB Input	Yes (Music/Photo/Video)	Yes (Music/Photo/Video)	Yes (Music/Photo/Video)	Yes (Music/Photo/Video)
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	1	1
Composite Video Input (A/V)	1	1	1	1
WiFi	Yes (Wireless LAN USB Adapter Included)	Yes (Wireless LAN USB Adapter Included)	Yes (Wireless LAN USB Adapter Included)	Yes (Wireless LAN USB Adapter Included)
Audio Inputs (L/R)	2	2	2	2
RF Input	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1
Power Source	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz
Power Consumption	240W	200W	230W	180W
Dimensions TV and Stand	56-21/32 x 38-25/64 x 14-1/2	49 5/8 x 33 29/32 x 13 25/64	56-21/32 x 38-25/64 x 14-1/2	49-5/8 x 33-29/32 x 13-25/64
(WxHxD) TV Only	56-21/32 x 35-61/64 x 1-9/16	49 5/8 x 31 15/16 x 1 35/64	56-21/32 x 35-61/64 x 1-9/16	49-5/8 x 31-15/16 x 1-35/64
Weight (lbs.) TV and Stand	122.4/99.2	88.2/76.1	121.3 / 98.1	86.0 / 73.9

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SPECIFICATIONS LED TVS AQUOS Quattron

Model Number	LC-60LE820UN	LC-52LE820UN	LC-46LE820UN	LC-40LE820UN
Screen Size	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	46" Class (45-63/64" Diagonal)	40" Class (40" Diagonal)
Quattron™ quad pixel technology	Yes	Yes	Yes	Yes
3D	–	–	–	–
Full Front Glass Design	Yes	Yes	Yes	Yes
Aspect Ratio	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	X-Gen	X-Gen	X-Gen
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Embedded Disc Drive	No	No	No	No
Vyper Drive Game Mode	Yes	Yes	Yes	Yes
AQUOS Net™	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)
Refresh Rate	120Hz	120Hz	120Hz	120Hz
Dynamic Contrast Ratio	5,000,000:1	5,000,000:1	5,000,000:1	5,000,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V
Backlight	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms
Audio Output	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)
Ethernet	1	1	1	1
USB Input	Yes (Photo/Music)	Yes (Photo/Music)	Yes (Photo/Music)	Yes (Photo/Music)
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	1	1
S-Video Input	1	1	1	1
Composite Video Input (A/V)	1	1	1	1
Audio Inputs (L/R)	2	2	2	2
RF Input	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1
Power Source	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz
Power Consumption	230W	170W	160W	140W
Dimensions TV and Stand	56-21/32 x 38-25/64 x 14-1/2	49-5/8 x 33-29/32 x 13-25/64	44-3/8 x 30-59/64 x 13-25/64	39-3/32 x 27-27/32 x 10-27/32
(WxHxD) TV Only	56-21/32 x 35-61/64 x 1-37/64	49-5/8 x 31-15/16 x 1-35/64	44-3/8 x 28-29/32 x 1-35/64	39-3/32 x 25-61/64 x 1-35/64
Weight (lbs.) TV and Stand	112.4 / 89.3	77.2 / 66.1	66.1 / 54.0	51.8 / 43.0

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SPECIFICATIONS LED TVS AQUOS Quattron

Model Number	LC-60LE810UN	LC-52LE810UN	LC-46LE810UN	LC-40LE810UN
Screen Size	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	46" Class (45-63/64" Diagonal)	40" Class (40" Diagonal)
Quattron™ quad pixel technology	Yes	Yes	Yes	Yes
3D	–	–	–	–
Full Front Glass Design	No	No	No	No
Aspect Ratio	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	X-Gen	X-Gen	X-Gen
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Embedded Disc Drive	No	No	No	No
Vyper Drive Game Mode	Yes	Yes	Yes	Yes
AQUOS Net™	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)
Refresh Rate	120Hz	120Hz	120Hz	120Hz
Dynamic Contrast Ratio	4,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V
Backlight	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms
Audio Output	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)
Ethernet	1	1	1	1
USB Input	Yes (Photo/Music)	Yes (Photo/Music)	Yes (Photo/Music)	Yes (Photo/Music)
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	1	1
Composite Video Input (A/V)	1	1	1	1
Audio Inputs (L/R)	2	2	2	2
RF Input	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1
Power Source	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz	120V, 60V Hz
Power Consumption	230W	170W	160W	140W
Dimensions TV and Stand	56-5/8 x 38-23/64 x 14-1/2	49-37/64 x 33-29/32 x 13-25/64	44-19/64 x 30-7/8 x 13-25/64	39-1/16 x 27-3/16 x 10-27/32
(WxHxD) TV Only	56-5/8 x 35-59/64 x 1-37/64	49-37/64 x 31-57/64 x 1-37/64	44-19/64 x 28-7/8 x 1-37/64	39-1/16 x 25-59/64 x 1-37/64
Weight (lbs.) TV and Stand	95.9/71.7	66.1 / 54.0	57.3/45.2	43.0 / 35.3

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SPECIFICATIONS BLU-RAY DISC™

	3D BD Player	BD Player	BD Home Theater
Model Number	BD-HP90 / 80U	BD-HP70 / 24U(A)	BD-MPC41U
HD Disc Format	3D/HD Blu-ray™	HD Blu-ray™	HD Blu-ray™
Media Profile	2.0 Ver / BD-LIVE™	2.0 Ver / BD-LIVE™	2.0 Ver / BD-LIVE™
MPEG2 / H.264 / VC1	Yes	Yes	Yes
DVD Video / DVD-R/RW / DVD+R/RW	Yes	Yes	Yes
Divx HD	Yes	No	No
AVCHD	Yes	Yes	Yes
CD-DA / CD-R/RW	Yes	Yes	Yes
MP3 / JPEG - USB - CD-R/RW	Yes	Yes	Yes
Linear PCM - Dolby Digital - DTS	Yes	Yes	Yes
Dolby HD Master / Dolby Digital Plus / True HD	Yes	Yes	Yes
DTS HD Master Audio	Yes	Yes	Yes
AQUOS LINK Control (On Screen Display)	Yes	Yes	Yes
AQUOS PURE MODE - Color Correction	Yes	Yes	Yes
Wireless LAN Connection	Yes	Yes / No	No
NetFlix Movies+	Update	Yes	Yes
YouTube Clips*	Yes	Yes / No	No
Pandora® Music+	Yes	No	No
DLNA LAN Connection*	Update	No	No
Vertical Stand / Operation	Yes / No	No	No
HDMI® Resolution / 1080P 24Hz	Yes + 3D	Yes	Yes
HD Component / Composite Video	No	Yes	Yes
Digital Audio Output (Optical)	Yes	Yes	No
Analog Audio Output (L/R)	No	Yes	Yes
Ethernet Jack RJ-45	Yes	Yes	Yes
USB Memory Port	Yes	Yes X2/X1	Yes
RS232 Control Port	Yes / No	Yes / No	No
Sound Bar Array System 5.1 / FM Tuner	N/A	N/A	Yes
Audio Digital Input (Optical) / Analog Input	No	No	Yes
Total Power 5.1 / Audssey DSP EQ	N/A	N/A	1020 Watts TTL
Power Consumption / Stand-by	18W/0.4W	18W / 0.4W - 15W/0.3W	147W / 0.47W
Dimensions	16 7/8" x1 3/8" x8 1/2"	16 7/8" x1 3/8" x8 1/2"	Main Unit -17 1/16"x2 3/8"x13 1/8" Speaker Bar - 37 13/16"x4 3/8"x3 1/8" Sur SPx2 - 4 3/16"x7 7/8"x5 5/16" Sub - 9"x15 3/8"x13 7/16"
Weight (lbs)	5.51 lbs	7.1 lbs / 4.4 lbs	11.3 lbs / 7.7 lbs / 2.0 lbs x2 / 14.3 lbs

*with software upgrade +Membership and/or fees may apply.